

### Abstract

Described is a communication system including mobile communication devices. In the described system, the mobile devices may be wrist-worn watches such as are in common use today, except that the watches are specially configured to receive data

a "broadcast" mode and transmit and/or receive data in a "localcast" mode. The

5 broadcast mode includes the ability to transmit and receive data in a peer-to-peer fashion, allowing mobile devices to communicate directly with each other. The ability to combine  
allowing communication modes in a small, integrated and hence inexpensive and low-  
two stage provides many advantages over existing personal communication device  
power

10 solution

